

Amendments to the claims:

Claim 1 (currently amended): An organism-compatible material ~~with combined extracellular matrices comprising~~ to be applied to a specified region in an organism, said organism-compatible material comprising: [(i)]

a base made of a material for organisms; [, (ii)]

a calcification layer formed on the base; [,] and [(iii)]

extracellular matrices formed on the calcification layer by cells of [a] the specified region of [an] the organism to which the organism-compatible material with combined extracellular matrices is to be applied, the extracellular matrices being combined with the base through the medium of the calcification layer.

Claim 2 (currently amended): [An] The organism-compatible material ~~with combined extracellular matrices as claimed in~~ of claim 1 [of which] wherein the base is of titanium, a titanium alloy, or a calcium-phosphate compound such as hydroxyapatite.

Claim 3 (currently amended): [An] The organism-compatible material ~~with combined extracellular matrices as claimed in claim 1 or 2, of claim 1~~ wherein said cells are osteoblasts, chondroblasts, tendon cells, valscular endothelial cells, epithelial cells, connective tissue cells, or glia cells.

Claims 4-23 (canceled).

Claim 24 (new): The organism-compatible material of claim 1 wherein said extracellular matrices have one end buried in and joined to said calcification layer.

Claim 25 (new): The organism-compatible material of claim 1 wherein said extracellular matrices are formed before said organism-compatible material is applied to the organism.

Claim 26 (new): The organism-compatible material of claim 25 wherein the base is of titanium, a titanium alloy, or a calcium-phosphate compound such as hydroxyapatite.

Claim 27 (new): The organism-compatible material of claim 25 wherein said cells are osteoblasts, chondroblasts, tendon cells, valscular endothelial cells, epithelial cells, connective tissue cells, or glia cells.

Claim 28 (new): The organism-compatible material of claim 25 wherein said extracellular matrices have one end buried in and joined to said calcification layer.

Claim 29 (New): An organism-compatible material comprising:
a base made of a material for organisms;
a calcification layer formed on the base; and
extracellular matrices formed on the calcification layer by cells so as to be combined with the base through the medium of the calcification layer before said organism-compatible material is applied to an organism.

Claim 30 (new): The organism-compatible material of claim 29 wherein the base is of titanium, a titanium alloy, or a calcium-phosphate compound such as hydroxyapatite.

Claim 31 (new): The organism-compatible material of claim 29 wherein said cells are osteoblasts, chondroblasts, tendon cells, valscular endothelial cells, epithelial cells, connective tissue cells, or glia cells.

Claim 32 (new): The organism-compatible material of claim 29 wherein said extracellular matrices have one end buried in and joined to said calcification layer.